

Title (en)

METHOD AND APPARATUS FOR EMBEDDED PROCESS CONTROL FRAMEWORK IN TOOL SYSTEMS

Title (de)

VERFAHREN UND GERÄT ZUR INTEGRIERTEN PROZESSSTEUERUNGSSTRUKTUR IN WERKZEUGSYSTEMEN

Title (fr)

PROCEDE ET APPAREIL DESTINE A UNE STRUCTURE DE COMMANDE DE PROCESSUS INTEGREE DANS DES SYSTEMES OUTIL

Publication

EP 1330684 B1 20050608 (EN)

Application

EP 01962207 A 20010816

Priority

- US 0125655 W 20010816
- US 69413900 A 20001023

Abstract (en)

[origin: US6304999B1] The present invention provides for a method and an apparatus for implementing an embedded process control into a manufacturing tool system. At least one semiconductor device is processed. An embedded process control procedure is performed in response to the processing of the semiconductor device. A subsequent process of semiconductor device is performed in response to the embedded process control procedure. The apparatus of the present invention comprises: a computer system; and at least one manufacturing tool system interfaced with the computer, the manufacturing tool system comprising an embedded process control system capable of receiving commands from the computer system and control a manufacturing process performed by the manufacturing tool system.

IPC 1-7

G05B 19/00

IPC 8 full level

G05B 19/418 (2006.01); **H01L 21/02** (2006.01); **H01L 21/205** (2006.01); **H01L 21/66** (2006.01)

CPC (source: EP KR US)

G05B 19/418 (2013.01 - KR); **G05B 19/41865** (2013.01 - EP US); **H01L 22/20** (2013.01 - EP US); **Y02P 90/02** (2015.11 - EP US)

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

US 6304999 B1 20011016; AU 8340401 A 20020506; CN 1630840 A 20050622; CN 1630840 B 20100428; DE 60111411 D1 20050714; DE 60111411 T2 20060511; EP 1330684 A2 20030730; EP 1330684 B1 20050608; JP 2004512691 A 20040422; KR 100836946 B1 20080611; KR 20040005846 A 20040116; TW I281722 B 20070521; WO 0235300 A2 20020502; WO 0235300 A3 20030116

DOCDB simple family (application)

US 69413900 A 20001023; AU 8340401 A 20010816; CN 01817853 A 20010816; DE 60111411 T 20010816; EP 01962207 A 20010816; JP 2002538222 A 20010816; KR 20037005652 A 20030423; TW 90124634 A 20011005; US 0125655 W 20010816